

AUDIO CABLES



- A** 3.5mm - Stereo Mini Jack or Plug
Application: Audio from computer to output - Line Level Small Size
- B** 1/4" - Phone Jack or Plug
Application: Microphone inputs - Nurse Call Systems
- C** XLR- 3 Pin Cannon "X" Series Latched Rubber Connector
Application: Most common audio connector used in Professional, Commercial and music. Line level balanced audio signalling
- D** RCA- Phono - Audio Style
Application: L/R stereo audio
- E** SPEAKON - Locking Analog Audio Speaker Connector - Neutrik Branded
- F** Binding Post (Banana Plugs) - Single Conductor Audio Connector



Catalog Number with this symbol indicates special manufacturing runs. Minimum Quantities apply.

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Broadcast Audio

Miniature Audio / 22 Awg. Shielded

Description:

- ASTM Tinned Copper • Polypropylene insulation
- Overall shield 100% coverage of aluminum polyester foil with drain wire • Twisted pair construction
- Overall Flex PVC jacket

Rating:

- NEC Type CMR
- (UL) - C(UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1666

Applications:

- Indoor for:
- Audio Circuits
 - Low Voltage Power
 - Line Level Audio
 - Audio Rack Cabling
 - Division 27 41 00
 - Division 27 51 00

COMMERCIAL/ PROFESSIONAL GRADE

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R.	Insulation Type & Thickness	Shield & % Coverage Drain Wire	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
454	1 pair	22 AWG (7x30) 17 Ω/Mft	PP .008	Al. Foil 100% 22 Strd.	PVC .020	.135	CMR	34pf/ft* 67pf/ft**	See Color Code Chart
The Aluminum polyester shield is bonded to the jacket so both can be removed with automatic stripping equipment									

Color Code			
	Jacket Color		Jacket Color
	Brown		Violet
	Red		Gray
	Orange		White
	Yellow		Black
	Green		Tan
	Blue		Pink

GRAY, BLACK AND WHITE ARE STANDARD STOCKED ITEMS.

- * Capacitance between conductors.
 ** Capacitance between one conductor and the other connected to the shield

BELDEN

9451

WPW

454

Broadcast Audio

Miniature Conformable Rack Cable / Shielded


Applications:

- Indoor for:
- Audio Circuits
 - Low Voltage Power
 - Line Level Audio
 - Audio Rack Cabling
 - Division 27 41 00
 - Division 27 51 00



Description:

- ASTM Overcoat Tinned Copper • Polypropylene insulation
- Overall shield 100% coverage of aluminum polyester foil with drain wire • Twisted pair construction
- Overall PVC jacket - Black

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R.	Insulation Type & Thickness	Shield & % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
 455	1 pair	Overcoat 22 AWG (7x30) 17 Ω/Mft	PP .008	Al. Foil 100% 22 Strd. drain	PVC .020	.138	CMR	34pf/ft* 67pf/ft**	● Black



• Catalog Number with this symbol indicates special manufacturing runs. Minimum Quantities apply.

Broadcast Audio - Plenecon II® Extra Flex Miniature Audio / 22 Awg. Shielded Plenum

Rating:

- NEC Type CMP
- (UL) - C(UL) Listed
- Meets 300 Volt
- Flame Rating: NFPA-262 Smoke & Flame Test

Description:

- ASTM Tinned Copper • FEP Insulation • Overall shield 100% coverage of aluminum polyester foil with drain wire • Twisted Pair Construction • Overall Flexible Plenum Jacket



Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding & % Coverage Drain Wire	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches Flex Plenum	Inches			
D25454	1 pair	22 AWG (7x30) 17 Ω/Mft	FEP .007	Al. Foil 100% 22 Strd.	.130 .018		CMP	35pf/ft* 67pf/ft**	● BLACK
The Aluminum polyester shield is bonded to the jacket so both can be removed with automatic stripping equipment									

Special Notes:

- The drain wire on these products are on the inside of the foil shield
- Minimum order quantities may apply on select jacket colors.

Color Code	
D25454	1. Black, 2. Red
	JACKET: Black, Red, Gray, White

BELDEN
9451P

WPW
D25454

Broadcast Audio Miniature Dual Audio / shielded

Applications:

Indoor for:

- Audio Circuits
- Low Voltage Power
- Line Level Audio
- Audio Rack Cabling
- Division 27 41 00
- Division 27 51 00

BELDEN
9451D

WPW
210454

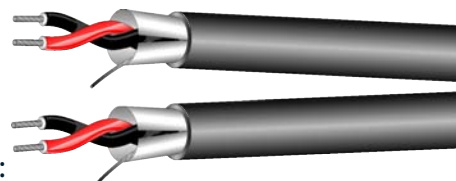
Standard spool size 1000ft.

Description:

- ASTM Tinned Copper • Polypropylene insulation
- Each Pair shield 100% coverage of aluminum polyester foil with 22 AWG TC drain wire • Figure 8 ZIP CONSTRUCTION • Twisted pair construction
- Overall PVC jacket

Rating:

- NEC Type CMR
- (UL) - C(UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685



Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shield & % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
210454	2 pair	22 AWG (7x30) 17 Ω/Mft	PP .008	Each Pair Al. Foil 100% 22 Strd. drain	PVC .020	.135 x .280	CMR	34pf/ft* 67pf/ft**	● Gray

Color Code	
210454	1. Black, Red 2. Black, White
	JACKET: Gray

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

Special Notes:

- The Aluminum polyester foil is bonded to the jacket- 210454 only
- 210454 Overall jacket is Gray with one channel imprinted for identification



Professional Audio Twisted Pair/ Overall Shielded

Description:

- ASTM Tinned Copper • Polyethylene or Polypropylene insulation
- Overall shield 100% coverage of aluminum polyester foil with drain wire • Twisted pair construction • Overall PVC jacket

Rating:

- NEC Type CM or CL2
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Applications:

- Indoor for:
- Audio Circuits
 - Low Voltage Power
 - Line Level Audio
 - Audio Rack Cabling
 - Division 27 41 00
 - Division 27 51 00

BROADCAST QUALITY

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shield & % Coverage Drain Wire	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
77291	1 Pair	22 AWG (7x30) 17 Ω/Mft	PE .016	Al. Foil 100% 22 Strd.	PVC .025	.175	CM	24pf/ft* 47pf/ft**	Gray
77292	1 Pair	20 AWG (7x28) 10.5 Ω/Mft	PE .016	Al. Foil 100% 20 Strd.	PVC .028	.204	CM	27pf/ft* 49pf/ft**	Gray
77293	1 Pair	18 AWG (16x30) 6.2 Ω/Mft	PE .018	100% Al. Foil 20 Strd.	PVC .028	.222	CM	24pf/ft* 44pf/ft**	Gray
77294	1 Pair	16 AWG (19x29) 4.2 Ω/Mft	PE .032	Al. Foil 100% 18 Strd.	PVC .032	.315	CL2	23pf/ft* 44pf/ft**	Gray
77295	1 Pair	14 AWG (19x27) 2.7 Ω/Mft	PE .032	Al. Foil 100% 16 Strd.	PVC .035	.355	CL2	24pf/ft* 47pf/ft**	Gray
77510†	2 Pair	22 AWG (7x30) 17 Ω/Mft	PP .008	Ind. Shielded Al. Foil 100% with 1 drain wire	PVC .020	.189	CM	35pf/ft* 62pf/ft**	Gray

Notes:

† - Employs individually shielded pairs with one drain wire common to all shields.

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

Special Notes:

- PE- Polyethylene
- PP- Polypropylene

BELDEN	WPW
8761	77291
8762	77292
8760	77293
8723	77510

Color Code

Catalog No.	77291, 77292, 77293, 77294, 77295		77510
Primary Color Code	1. Black, 2. Clear		1. Black-Red, 2.White-Green
	JACKET: Gray		JACKET: Gray

- 500ft LENGTHS MAY BE AVAILABLE UPON REQUEST. MINIMUM QUANTITIES APPLY.
- CUSTOM COLORED JACKETS MAY BE AVAILABLE. MINIMUM QUANTITIES APPLY.

• Catalog Number with this symbol indicates special manufacturing runs. Minimum Quantities apply.



Professional Audio Plenum Cable

Twisted Pair / Overall Shielded - Plenecon II® Extra Flex



Applications:

Indoor for: Plenum Spaces

- Audio Circuits
- Low Voltage Power
- Line Level Audio
- Audio Rack Cabling
- Division 27 41 00
- Division 27 51 00

BROADCAST QUALITY



Description:

- ASTM Tinned Copper • Teflon insulation • Overall shield 100% coverage of aluminum polyester foil with drain wire
- Twisted Pair Construction • Flexible plenum jacket

Rating:

- NEC Type CMP
- (UL)-C(UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: NFPA-262 Smoke & Flame Test

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shield & Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
D25291	1 Pair	22 AWG (7x30) 17 Ω/Mft	Teflon .010	Al. Foil 100% 24 Strd.	Flexible Plenum .017	.134	CMP	25 pf/ft* 45 pf/ft **	Gray
 D25292	1 Pair	20 AWG (7x28) 10.5 Ω/Mft	Teflon .010	Al. Foil 100% 22 Strd.	Flexible Plenum .017	.148	CMP	27 pf/ft* 49 pf/ft **	Gray
D25293	1 Pair	18 AWG (7x26) 6.6 Ω/Mft	Teflon .010	Al. Foil 100% 22 Strd.	Flexible Plenum .017	.168	CMP	30 pf/ft* 54 pf/ft **	Gray
 D25294	1 Pair	16 AWG (19x29) 4.4 Ω/Mft	Teflon .010	Al. Foil 100% 22 Strd.	Flexible Plenum .017	.188	CMP	36 pf/ft* 65 pf/ft **	Gray

Color Code	
Pair No.	Colors
1	Black/ Red
JACKET: Gray	

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

BELDEN
82761
82760

WPW
D25291
D25293

Special Notes:

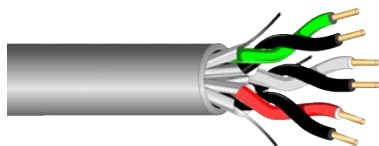
- Teflon®- Dupont Tradename for FEP-Fluorinated Ethylene Propylene

Electrical Characteristics

Nom. Vel of Propagation - 69%
Nom. Impedance Ω D25291- 55Ω
Nom. Impedance Ω D25292- 50Ω
Nom. Impedance Ω D25293- 45Ω
Nom. Impedance Ω D25294- 40Ω



- Catalog Number with this symbol indicates special manufacturing runs. Minimum Quantities apply.



Communication & Control Cable Multiple Pair 22AWG / Each Pair Shielded

Description:

- ASTM Tinned Copper • Polyolefin insulation • Each pair shielded 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • Short overall twist construction • Overall PVC jacket

Rating:

- NEC Type CM
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Applications:

- Indoor for:
- Audio Circuits
 - Low Voltage Power
 - Line Level Audio
 - Audio Rack Cabling
 - Division 27 41 00
 - Division 27 51 00

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
D430	2	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.235	CM	34pf/ft* 67 pf/ft**	Gray
D431	3	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.258	CM	34pf/ft* 67 pf/ft**	Gray
D439	4	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.280	CM	34pf/ft* 67 pf/ft**	Gray
D432	6	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.332	CM	34pf/ft* 67 pf/ft**	Gray
D433	9	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .034	.390	CM	34pf/ft* 67 pf/ft**	Gray
D434	12	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .034	.420	CM	34pf/ft* 67 pf/ft**	Gray
D436	19	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .047	.565	CM	34pf/ft* 67 pf/ft**	Gray
D438	27	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .047	.678	CM	34pf/ft* 67 pf/ft**	Gray

Special Notes:

- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions available - See Aquaseal Section or Pg.9
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange Rip Cord

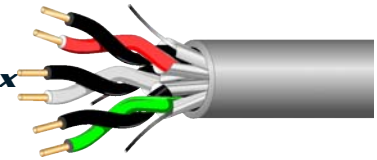
- Catalog Number with this symbol indicates special manufacturing runs. Minimum Quantities apply.

Electrical Characteristics
Nom. Vel of Propagation - 66%
Nom. Impedance Ω 22 Awg.(7x30)- 55Ω

- * Capacitance between conductors.
** Capacitance between one conductor and the other connected to the shield

Professional Audio Plenum Cable

Multiple Pair / Individually Shielded - Plenecon II® Extra Flex



Applications:

- Indoor for: Plenum Spaces
- Audio Circuits
- Low Voltage Power
- Line Level Audio
- Audio Rack Cabling
- Division 27 41 00
- Division 27 51 00



Description:

- ASTM Tinned Copper • Teflon insulation
- Each pair shielded 100% coverage of aluminum foil with 24 AWG Strd. drain wire
- Twisted pair construction • Flexible plenum jacket

Rating:

- NEC Type CMP
- (UL)-C(UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: NFPA-262 Smoke & Flame Test

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shield & Coverage	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
D25430	2	22 AWG (7x30) 17 Ω/Mft	Teflon .010	Each Pair Al. Foil 100%	Flex Plenum .017	.218	CMP	25 pf/ft* 45 pf/ft**	Gray
 D25431	3	22AWG (7x30) 17 Ω/Mft	Teflon .010	Each Pair Al. Foil 100%	Flex Plenum .017	.232	CMP	25 pf/ft* 45 pf/ft**	Gray
D25439	4	22 AWG (7x30) 17 Ω/Mft	Teflon .010	Each Pair Al. Foil 100%	Flex Plenum .017	.256	CMP	25 pf/ft* 45 pf/ft**	Gray
 D25432	6	22 AWG (7x30) 17 Ω/Mft	Teflon .010	Each Pair Al. Foil 100%	Flex Plenum .017	.304	CMP	25 pf/ft* 45 pf/ft**	Gray
D25510‡	2	22 AWG (7x30) 17 Ω/Mft	Teflon .010	Each Pair Al. Foil 100%	Flex Plenum .017	.214	CMP	25 pf/ft* 45 pf/ft**	Gray

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

Special Notes:

- ‡ Employs individually shielded pairs plus overall shield with one 24 AWG drain wire common to all shields to ensure greater shielding and lower DC resistance.
- Select cables are available in our Advantage Box.

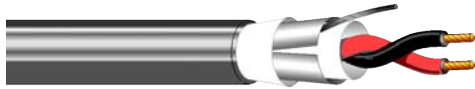


- Catalog Number with this symbol indicates special manufacturing runs. Minimum Quantities apply.

Electrical Characteristics
Nom. Vel of Propagation - 69%
Nom. Impedance Ω 22 Awg.(7x30)- 55Ω

Color Code

D25510		All Others	
Pair No.	Colors	Pair No.	Colors
1	Black/Red	1	Black/Red
2	White/Green	2	Black/White
		3	Black/Green
		4	Black/Blue
		5	Black/Yellow
		6	Black/Brown
JACKET: Gray			



Aquaseal® Water Blocking Cable

1 Pair / Shielded

Description:

- ASTM Bare Copper • PVC insulation • Short overall twist lengths
- Overall shield 100% coverage of aluminum polyester foil with drain wire • Waterblocked construction • Overall Sunlight/ Moisture Resistant PVC jacket

Rating:

- NEC Type CM or CL3
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685


Underground- In-Conduit

Applications:

Indoor for:

- Audio Circuits
- Low Voltage Power
- Line Level Audio
- Audio Rack Cabling
- Division 28 05 13.23
- Division 27 41 00
- Division 27 51 00

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
AQC290	1 Pair	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil-100% 22 Solid	PVC .025	.200	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC291	1 Pair	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.205	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC292	1 Pair	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil-100% 24 Strd.	PVC .025	.220	CM CL3	60 pf/ft* 108 pf/ft**	Gray
AQC293	1 Pair	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil-100% 24 Strd.	PVC .025	.257	CM/CL3 FPL	39 pf/ft* 70 pf/ft**	Gray



Description:

- ASTM Bare Copper • PVC insulation with Nylon • Twisted pair or cabled construction • Overall shield 100% coverage of aluminum polyester foil with drain wire • Waterblocked Construction
- Overall Sunlight/ Moisture Resistant PVC jacket


Underground - Direct Burial

Rating:

- NEC Type FPL or PLTC or CL3
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Direct Burial
- Flame Rating: UL1685

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
AQ293	1 Pair	18 AWG (7x26) 6.2Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.310	CL3/FPL PLTC	32 pf/ft* 58 pf/ft**	Black
AQ294	1 Pair	16 AWG (7x24) 4.2Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.328	CL3/FPL PLTC	37 pf/ft* 67 pf/ft**	Black
AQ295	1 Pair	14 AWG (19x27) 2.7Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.350	CL3/FPL PLTC	46 pf/ft* 83 pf/ft**	Black
AQ296	1 Pair	12 AWG (19x25) 1.7Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.375	CL3/FPL PLTC	54 pf/ft* 97 pf/ft**	Black

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

Aquaseal® Water Blocking Cable
Multiple Pair / Each Pair Individually Shielded

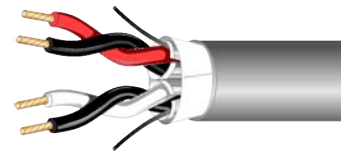
Applications:

Indoor for:

- Audio Circuits
- Low Voltage Power
- Line Level Audio
- Audio Rack Cabling
- Division 28 05 13.23
- Division 27 41 00
- Division 27 51 00



Underground- In-Conduit



Description:

- ASTM Bare Copper • PVC insulation • Short overall twist lengths
- Individually shield 100% coverage of aluminum polyester foil with TC drain wire • Waterblocked construction • Overall Sunlight/ Moisture Resistant PVC jacket

Rating:

- NEC Type CM or CL3
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
AQC430	2	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.380	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC439	4	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.427	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC432	6	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.520	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC434	12	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.698	CM CL3	55 pf/ft* 99 pf/ft**	Gray

Color Code	
Colors	Colors
1. Black/Red-Red	8. Red/White-White
2. Black/White-White	9. Red/Green-Green
3. Black/Green-Green	10. Red/Blue-Blue
4. Black/Blue-Blue	11. Red/Yellow-Yellow
5. Black/Yellow-Yellow	12. Red/Brown-Brown
6. Black/Brown-Brown	
7. Black/Orange-Orange	
JACKET: Gray	

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

Special Notes:

- Aquaseal Water Resistant Cables is a Registered Trademark of West Penn Wire
- Orange ripcord under jacket



Description:

- ASTM Tinned Copper • Low Loss Foam insulation • Individually shielded 100% coverage of aluminum polyester foil with 24 AWG Strd. drain wire • DA2401 shield is bonded to the jacket for ease of stripping
- Twisted pair construction • Overall jacket

Rating:

- NEC Type CM
- (UL) Listed
- Meets 300V requirements as specified in the NEC

Standard spool size 1000ft.

Broadcast Audio AES/EBU Digital Audio Cable Applications:

Indoor for:

- Audio Circuits
- Low Voltage Power
- Line Level Audio
- Audio Rack Cabling
- Division 27 41 00
- Division 27 51 00
- Digital Audio Broadcast

Non-Plenum - Individually Shielded Pairs + PVC Jacket

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
DA2401	1 Pair	24 AWG (7x32) 26 Ω/Mft	Foam PE .020	Each Pair & Overall Al. Foil 100%	PVC .030	.182	CM	12.5pf/ft* 22.5pf/ft **	Gray
DA2402	2 Pair	24 AWG (7x32) 26 Ω/Mft	Foam PE .020	Each Pair & Overall Al. Foil 100%	PVC .030	.298	CM	12.5pf/ft* 22.5pf/ft **	Gray
DA2406	6 Pair	24 AWG (7x32) 26 Ω/Mft	Foam PE .020	Each Pair & Overall Al. Foil 100%	PVC .045	.439	CM	12.5pf/ft* 22.5pf/ft **	Gray

Broadcast Audio AES/ EBU Digital Audio Cable - Plenum

Plenecon II® Extra Flex

Description:

- ASTM Tinned Copper • Low Loss Foam insulation • Individually shielded 100% coverage of aluminum polyester foil with 24 AWG Strd. drain wire • Twisted pair construction • Overall flexible plenum jacket

Plenum - Individually Shielded Pairs + Flexible Plenum Jacket

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
DA252401	1 Pair	24 AWG (7x32) 26 Ω/Mft	Foam FEP .020	Each Pair & Overall Al. Foil 100%	Flex Plenum .018	.141	CMP	12.5pf/ft* 22.5pf/ft **	Gray, Violet
DA252402	2 Pair	24 AWG (7x32) 26 Ω/Mft	Foam FEP .020	Each Pair & Overall Al. Foil 100%	Flex Plenum .018	.238	CMP	12.5pf/ft* 22.5pf/ft **	Gray
DA252406	6 Pair	24 AWG (7x32) 26 Ω/Mft	Foam FEP .020	Each Pair & Overall Al. Foil 100%	PVDF .010	.350	CMP	12.5pf/ft* 22.5pf/ft **	Gray

Color Code

Pair Colors

Pair 1	Black/Red	Pair 4	Black/Blue
Pair 2	Black/White	Pair 5	Black/Yellow
Pair 3	Black/Green	Pair 6	Black/Brown

Jacket: Gray

* Capacitance between conductors.

** Capacitance between one conductor and the other connected to the shield

Electrical Characteristics

Nom. Vel of Propagation - 78%

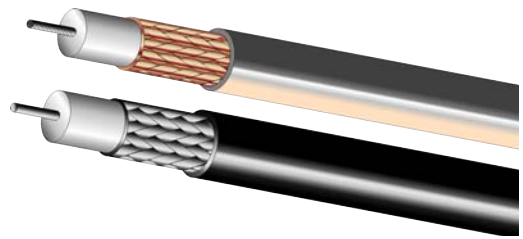
Nom. Impedance Ω - 110Ω

RF Transmission 50 Ohm Coaxial





RG58/U - RG58A/U - RG8/U - RG8x/U Type

Applications:

- RF Transmission
- Broadcast Transmission
- Wireless Communication



Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
 812 RG58A/U Type	CM	20 (19x32) Tinned Copper 8.8 Ω/M'	Gas Injected PE+ .116	Tinned Copper Braid 95%	PVC	.195	25 pf/ft	78%	50Ω	Black
						See connector listings				
 813 RG-58/U Type	CM	20 (Solid) Tinned Copper 10.1 Ω/M'	Gas Injected PE+ .116	Tinned Copper Braid 95%	PVC	.195	26 pf/ft	78%	50Ω	Black
						See connector listings				
25812 RG-58/U Type Plenum	CMP	20 (19x32) Tinned Copper 8.8 Ω/M'	Foam FEP .102	Tinned Copper Braid 95%	Flex Plenum	.158	25 pf/ft	82%	50Ω	Ivory
						See connector listings				
810 RG-213/U Type	CM	12 (7x20) Bare Copper 1.9 Ω/M'	Gas Injected PE+ .280	Bare Copper Braid 95%	PVC	.405	26 pf/ft	80%	50Ω	Black
						See connector listings				
25810 RG-213/U Type Plenum	CMP	12 (7x20) Bare Copper 1.9 Ω/M'	Foam FEP .280	Bare Copper Braid 95%	Copolymer	.352	25 pf/ft	80%	50Ω	Natural
						See connector listings				
 98G8 RG-8/U Type	CM	10AWG Solid Bare Copper .9 Ω/M'	Gas Injected PE+ .286	100% Bonded Bi-foil AL. + 90% Tinned Cu Braid	PVC	.405	24.5 pf/ft	84%	50Ω	Black
						See connector listings				
 2598G8 RG-8/U Type Plenum	CMP	10AWG Solid Bare Copper .9 Ω/M'	Foam FEP .280	100% Bonded Bi-foil AL. + 90% Tinned Cu Braid	Copolymer	.360	25 pf/ft	80%	50Ω	Natural
						See connector listings				
807 RG-8X/U Type Flexible	CM	16 (19x29) Bare Copper 4.3 Ω/M'	Gas Injected PE+ .155	Bare Copper Braid 95%	PVC	.242	25 pf/ft	82%	50Ω	Black
						See connector listings				

Connectors see page 87

Audio Connectors

Line Level Audio Connectors- Cable Mount XLR - 3.5mm - RCA Phono - 1/4"

3 PIN XLR Style Connectors- Cable Mount	
Catalog No.	Description
CN-NC3MXB	3 Position XLR Male Black-Gold Contact
CN-NC3MXBAG	3 Position XLR Male Black-Nickel Contact
CN-NC3MX	3 Position XLR Male Nickel-Nickel Contact
CN-NC3FXB	3 Position XLR Female Black-Gold Contact
CN-NC3FXBAG	3 Position XLR Female Black-Nickel Contact
CN-NC3FX	3 Position XLR Female Nickel-Nickel Contact
44-A3F	3 Position XLR Jack
44-A3M	3 Position XLR Plug

Neutrik Branded



CN-NC3FX

Switchcraft Branded



44-A3M

4 PIN XLR Style Connectors- Cable Mount	
Catalog No.	Description
CN-NC4MXB	4 Position XLR Male Black-Gold Contact
CN-NC4MXBAG	4 Position XLR Male Black-Nickel Contact
CN-NC4MX	4 Position XLR Male Nickel-Nickel Contact
CN-NC4FXB	4 Position XLR Female Black-Gold Contact
CN-NC4FXBAG	4 Position XLR Female Black-Nickel Contact
CN-NC4FX	4 Position XLR Female Nickel-Nickel Contact

5 PIN XLR Style Connectors- Cable Mount	
Catalog No.	Description
CN-NC5MXB	5 Position XLR Male Black-Gold Contact
CN-NC5MXBAG	5 Position XLR Male Black-Nickel Contact
CN-NC5MX	5 Position XLR Male Nickel-Nickel Contact
CN-NC5FXB	5 Position XLR Female Black-Gold Contact
CN-NC5FXBAG	5 Position XLR Female Black-Nickel Contact
CN-NC5FX	5 Position XLR Female Nickel-Nickel Contact

3.5mm Stereo Mini Audio Connectors	
Catalog No.	Description
19-1202	Stereo Mini Plug
CN-SM3.5F	3.5 Stereo Mini Jack
CN-NYS231B	3.5mm Mini Plug- Black/Nickel
CN-NYS231	3.5mm Mini Plug Nickel/Nickel
CN-MX35M	3.5mm Mini Plug- Terminal Block
19-1201	3.5 mm Mini Mono Plug



CN-NYS231

RCA Audio Connectors	
Catalog No.	Description
19-1207	RCA Plug- Red
19-1268	RCA Plug- Black
CN-NYS373-xx	RCA Phono - xx-BK,BL,RD,YE,GN
25-7290	RCA RG59/U Male Plug



CN-NYS373-GN

1/4" Audio Connectors	
Catalog No.	Description
CN-NP3CBAG	1/4" Black-Silver Contact TRS
CN-NP3C	1/4" Silver- Silver Contact TRS
CN-NP2CBAG	1/4" Black-Silver Contact TS
CN-NP2C	1/4" Silver- Silver Contact TS
CN-NP3XB	Thin 1/4" Black-Gold Contact TRS
CN-NP3XBAG	Thin 1/4" Black-Silver Contact TRS
CN-NP3X	Thin 1/4" Silver- Silver Contact TRS
CN-NP2XB	Thin 1/4" Black-Gold Contact TS
CN-NP2XBAG	Thin 1/4" Black-Silver Contact TS
CN-NP2X	Thin 1/4" Silver- Silver Contact TS



CN-NP2XB



CN-NP3X

Audio Connectors

Line Level Audio Connectors- Panel Mount



CN-NC3FD-L-BAG



CN-35FFSP



CN-NYS230



CN-MX35

Panel Mount Connectors	
Catalog No.	Description
CN-342B-xx	RCA- xx: YE, WH or RD
CN-35FFSP	3.5mm Panel Mount
CN-MX35	3.5mm Terminal Block
CN-NC3FDLB	XLR Panel Mt. Black- Gold Contact
CN-NC3FDLBAG	XLR Panel Mt. Black- Nickel Contact
CN-NC3FDL1	XLR Panel Mt. Nickel-Nickel Contact
CN-NC3FDL1B	XLR Panel Mt. Solderless Female Black
CN-NC3MDL1B	XLR Panel Mt. Solderless Male
CN-NYS230	1/4" TRS- Panel Mount

Audio Assemblies

XLR Assemblies



CN-XPXJ-xx

XLR Analog Mic. Assemblies M to F	
Catalog No.	Description
CN-XPXJ-xx	Replace xx with: 3, 6, 10, 25, 50
XLR Digital Mic. Assemblies M to F	
Catalog No.	Description
CN-XPXJDIG-10	10ft. Digital Mic Assembly

Audio Assemblies

3.5mm and RCA

ECONOMY Stereo Mini M to M	
Catalog No.	Description
CN-E3.5MM-xx	Replace xx with: 6, 12, 25
CM Stereo Mini M to M	
Catalog No.	Description
CN-454SM-xx	Replace xx with: 15,25,50,75,100,150
CMP Stereo Mini M to M	
Catalog No.	Description
CN-SMTSM-xx	Replace xx with: 15,25,50,75,100,150
CMP Stereo Mini M to 2 RCA	
Catalog No.	Description
CN-SMTRCA-xx	Replace xx with: 15,25,50,75,100,150



CN-454SM-xx

CMP RCA to RCA Phono	
Catalog No.	Description
CND25430RASxx	Replace xx with: 15,25,50,75,100,150

Audio Amplifier

Audio Amplifier	
Catalog No.	Description
AS-AMP1	Small Digital amplifier (ClassD) with EQ control and Mic mixer Functions.

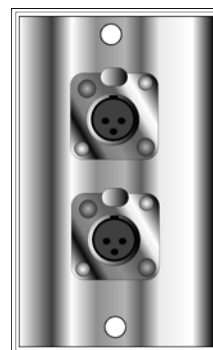


Audio Wall Plates - Metal

XLR Wall Plates

XLR Audio Wall Plates - Stainless Steel	
CN-PL-103F	Single Plate- One Loaded XLR (Female)
CN-PL-103M	Single Plate- One Loaded XLR (Male)
CN-PL-103STF	Single Plate- One XLR (Female Screw Terminal)
CN-PL-203F	Single Plate- Two Loaded XLR (Female)
CN-PL-203M	Single Plate- Two Loaded XLR (Male)
XLR Audio Wall Plates - Aluminum	
CN-PLxx-103F	Single Plate- One Loaded XLR (Female)
CN-PLxx-103M	Single Plate- One Loaded XLR (Male)
CN-PLxx-103STF	Single Plate- One XLR (Female Screw Terminal)
CN-PLxx-203F	Single Plate- Two Loaded XLR (Female)
CN-PLxx-203M	Single Plate- Two Loaded XLR (Male)

xx - Replace with:
AC - Aluminum Clear
AW - Aluminum White
AB - Aluminum Black



Audio Video Custom Panels & Plates

Custom Built Panels.

Please visit: www.rcicustom.com or
www.westpenn-wpw.com to download PanelBuilder sE (PBsE).

